

CLAIM AMENDMENTS:

1. (Currently amended) A breast prosthesis comprising:

a body member made of biocompatible material, said body member having a plurality of separately inflatable chambers, said body member having an upper side positionable along an upper surface of a breast and a lower side positionable along a lower side of the breast, said chambers including a first chamber disposed only on said upper side and a second chamber disposed only on said lower side; and

a plurality of fluid guide elements each operatively connected to a respective individual ones of said chambers for enabling a differential filling of said chambers with a fluid so that said first chamber and said second have respective different shapes.

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2. (Currently amended) The prosthesis set forth in claim 1 wherein said guide elements include a plurality of conduits each connected to and communicating with a respective individual ones of said chambers.

3. (Currently amended) The prosthesis set forth in claim 2 wherein said guide elements additionally comprise a plurality of one-way valves each disposed in communication with a respective individual ones of said conduits.

4. (Original) The prosthesis set forth in claim 2 wherein said guide elements also comprise at least one terminal connector mounted to said body member and coupled with at least a plurality of said conduits.

5. (Currently amended) The prosthesis set forth in claim 1 wherein said guide elements include a plurality of radio-opaque markers each disposed on said body member adjacent to a respective individual ones of said chambers for enabling a detection of needle insertion points for said respective ones of said chambers.

6. (Original) The prosthesis set forth in claim 5 wherein said markers are rings.

7. (Original) The prosthesis set forth in claim 1 wherein said guide elements include a plurality of one-way valves each disposed between two adjacent chambers for enabling a transfer of fluid from one of said adjacent chambers to another of said adjacent chambers, further comprising a receiver and an actuator mechanism mounted to said body member, said actuator mechanism being operatively linked to said receiver and said valves for selectively opening said valves in accordance with a signal picked up by said receiver.

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8. (Original) The prosthesis set forth in claim 7 wherein said receiver is a wireless receiver and said signal is a wirelessly transmitted signal.

9. (Currently amended) The prosthesis set forth in claim 1 wherein said prosthesis has a form suitable for simulating the shape and size of a human breast, said first side being suitable for an upper side of the breast and said second side being suitable for a lower side of the breast.

10. (Original) The prosthesis set forth in claim 1 wherein said guide elements include a plurality of one-way valves each disposed between two adjacent chambers for enabling a transfer of

fluid from one of said adjacent chambers to another of said adjacent chambers upon an application of an external compressive force to said one of said adjacent chambers, to increase a fill level in said one of said chambers.

11-24. (Canceled)

25. (New) A prosthesis comprising:

a body member made of biocompatible material, said body member having a plurality of separately inflatable chambers;

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a plurality of fluid guide elements each operatively connected to a respective individual one of said chambers, thereby enabling a differential filling of said chambers with a fluid; and

a plurality of one-way valves each disposed between two adjacent chambers for enabling a transfer of fluid from one of said adjacent chambers to another of said adjacent chambers upon an application of an external compressive force to said one of said adjacent chambers, to increase a fill level in said one of said chambers.

26. (New) The prosthesis set forth in claim 25 wherein said guide elements include a plurality of conduits each connected to and communicating with a respective individual one of said chambers.

27. (New) The prosthesis set forth in claim 26 wherein said guide elements additionally comprise a plurality of one-way valves each disposed in communication with a respective individual one of said conduits.

28. (Original) The prosthesis set forth in claim 25, further comprising a receiver and an actuator mechanism mounted to said body member, said actuator mechanism being operatively linked to said receiver and said valves for selectively opening said valves in accordance with a signal picked up by said receiver.

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29. (New) A prosthesis comprising:

a body member made of biocompatible material, said body member having a plurality of separately inflatable chambers;

a plurality of fluid guide elements each operatively connected to a respective individual one of said chambers, thereby enabling a differential filling of said chambers with a fluid, said guide elements including a plurality of valves;

a wireless receiver; and

an actuator mechanism mounted to said body member, said actuator mechanism being operatively linked to said receiver and said guide elements for selectively opening said valves in accordance with a signal picked up by said receiver.
